Table 6-6
Sample Bottle and Preservative Specifications for Chemical and Radiochemical Analysis of Sediment Samples[a]

Parameters Analyzed	Holding Time[b]	Recommended Size Sample Container[c,d]	Container Material	Preservative
VOCs	48 hours to extraction, 8 days until analysis	(3X) 5g EnCore™ Sampler	EnCore™ Sampler	4°C
Percent Moisture	28 days	(2 oz)	G[e]	4°C
Inorganics	6 months	16 oz	G[e]	4°C
Mercury	28 days			
Cyanide	14 days			
SVOCs	7 days to extraction, 40 days until analysis			
Aroclors, PCBs/Pesticides	7 days to extraction, 40 days until analysis			
Chlorinated Herbicides	7 days to extraction, 40 days until analysis			
TOC	14 days			
TEPH	14 days to extraction, 40 days until analysis			
Radiochemicals	3 months	16 oz	G[e]	4°C
Organotins	14 days to extraction, 40 days until analysis	4 oz[f]	G[e]	4°C
Grain Size	28 days	2 oz	G[e]	4°C
PCB Congeners and Homologues	7 days to extraction, 40 days until analysis	16 oz	G[e]	4°C
PCDDs/PCDFs	30 days to extraction, 40 days until analysis			

Notes:

a. Analytical methods are specified in Table 6-8.
b Holding time is calculated from the date of sample collection to the date of sample analysis (or extraction as noted).
c. Samples for analyses having identical container and preservation requirements may be combined in the same container. The noted 16-oz. container will hold sufficient mass to meet the minimum requirements specified in Table 6-5 for all specified analyses.
d. Wide-mouth jars with Teflon-lined lids preferred.
e. G = Amber glass.
f. Two 4-oz. jars will be needed for samples identified for matrix spike and matrix spike duplicates.